GOODWE

Lynx A G4 Series 16kWh

Low Voltage Battery

A Safer Energy Solution Built to Last

Aerosol Fire Suppression[1]

Thermal-Electric Separation
Cell-level Heat Isolation

-20°C to 55°C
Operation[1]
Harsh Environment Ready

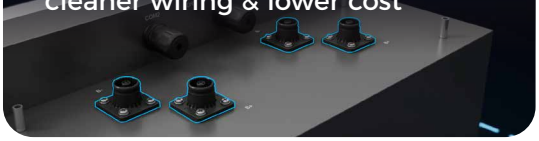
314Ah Cells
10,000 Cycles

IP65 Protection
Built for harsh environments

C5M[1]
Corrosion Resistance

Up to **30** Units Parallel
Scale power as you grow

Dual-Terminal Daisy-Chain Design
No busbar needed,
cleaner wiring & lower cost



1: Optional functions or devices are purchased separately.

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Technical Data		GW16.1-BAT-LV-G10
Battery Type		LFP ($LiFePO_4$)
Rated Capacity (Ah)		314
Rated Energy (kWh)		16.1
Usable Energy (kWh)*1		≥14.9
Nominal Voltage(V)		51.2
Voltage Range(V)		45.92 ~ 57.76
Max. Continuous Charging Current (System) (A)		157
Max. Continuous Discharging Current (System) (A)		200
Max. Input Power (kW)*2		8
Max. Output Power (kW)*2		10
Peak Output Power (System) (kW)*2		16 (15s)
Charging Temperature Range(°C)		0 ~ +55
Discharging Temperature Range (°C)		-20 ~ +55
Relative Humidity		5 - 95%
Max. Operating Altitude (m)		4000
Communication		CAN
Weight (kg)		≤122
Useable Extinguishing Agent		CO_2, H_2O
Crucial Material		$LiFePO_4$, C, Cu, $LiPF_6$, Al, $(C_3H_6)n$
Ingress Protection		IP65
Protective Class		I
Dimensions (W × H × D mm)		≤470 × 895 × 245 (No base)
Function Configuration		Regulating wheel (Optional); Aerosol fire extinguishing (Optional)
Max. Storage time		-20 ~ +35°C≤12 months +35 ~ +45°C≤6 months
Scalability		30P
Mounting Method		Wall-Mounted, Floor-Mounted
Cycle Life*3		≥10000
Standard and Certification	Safety	IEC62619, IEC60730, IEC63056, CE
	EMC	CE
	Transportation	UN38.3, MSDS

*1: Test conditions, 100% DOD (cell 2.87 ~ 3.61V voltage range), 0.2P charge & discharge at 25 ± 2°C for battery system at the beginning of life. Usable energy is defined by its initial design value. Actual available energy may vary depending on charge / discharge rate, environmental conditions (e.g. temperature), transport and storage factors.
*2: Max.Input Power / Max.Output Power/Peak Output Power derating will occur related to Temperature and SOC.
*3: Based on test data under specific laboratory conditions.
*: Please visit GoodWe website for the latest certificates.